

Atty. Docket No. 1240D2	Serial No. 10/075,316
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant Charles B. Greenberg et al.
	Filing Date February 14, 2002

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U.S. PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
SV	AA 4,112,142	9/78	Schroder et al.	427	166	
	AB 4,329,379	5/82	Terneu et al.	427	166	
	AC 4,351,267	9/82	Kalbskopf et al.	118	718	
	AD 4,751,149	6/88	Viyayakumar et al.	428	702	
	AE 4,878,934	11/89	Thomas et al.	65	60.52	
	AF 4,971,843	11/90	Michelotti et al.	428	34	
	AG 4,997,576	3/91	Heller et al.	210	748	
	AH 5,041,150	8/91	Grundy et al.	65	60.51	
	AI 5,194,161	3/93	Heller et al.	210	748	
	AJ 5,256,616	10/93	Heller et al.	502	350	
SV	AK 5,308,458	5/94	Urwin et al.	204	157.6	

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FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No
SV	AL 1 523 991 ✓	9/78	Great Britain			
SV	AM 1 524 326	9/78	Great Britain			
SV	AN 2 150 044 ✓	6/85	Great Britain			
SV	AO 63-100042	5/88	Japan			
SV	AP 0 581 216	2/94	EPO			
SV	AQ 0 590 477	4/94	EPO			

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SV	AR	J. Papp et al., "Titanium(IV) Oxide Photocatalysts with Palladium", <i>Chem. Mater.</i> 1993, 5, pp. 284-288 (no month available)
SV	AS	T. Watanabe et al., "Photocatalytic Activity of TiO ₂ Thin Film Under Room Light", <i>Photocatalytic Purification and Treatment of Water and Air</i> , 1993, pp. 747-751 (no month available)
SV	AT	W. Xu et al., "Preparation and Characterization of TiO ₂ Films by a Novel Spray Pyrolysis Method", <i>Mat. Res. Bull.</i> , Vol. 25, (1990), pp. 1385-1392 (no month available)

Examiner	Date Considered
<i>Sean A. Hart</i>	8-20-02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Filing Date February 14, 2002		Group 1775 / 731		

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Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
<i>SV</i>	AA	5,342,676	8/94	Zagdoun	428	216	
	AB	5,348,805	9/94	Zagdoun et al.	428	432	
	AC	5,393,593	2/95	Gulotta et al.	428	220	
	AD	5,505,989	4/96	Jenkinson	427	166	
	AE	5,514,454	5/96	Boire et al.	428	216	
	AF	5,547,823	8/96	Murasawa et al.	430	531	
	AG	5,580,364	12/96	Goodman et al.	65	60.2	
<i>SV</i>	AH	5,595,813	1/97	Ogawa et al.	428	212	
	AI	5,616,532	4/97	Heller et al.	502	242	
	AJ	5,643,436	7/97	Ogawa et al.	205	324	
<i>SV</i>	AK	5,755,867	5/98	Chikuni et al.	106	287.16	

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<i>SV</i>	AL	0 684 075	11/95	EPO			
<i>SV</i>	AM	0 737 513	10/96	EPO			
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<i>SV</i>	AO	97/10185	3/97	PCT			
<i>SV</i>	AP	97/10186	3/97	PCT			
<i>SV</i>	AQ	0 770 579	5/97	EPO			

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<i>SV</i>	AR	V. Chhabra et al., "Synthesis, Characterization, and Properties of Microemulsion-Mediated Nanophase TiO ₂ Particles", <i>Langmuir</i> , Vol. 11, No. 9 (1995), pp. 3307-3311 (no month available)
<i>SV</i>	AS	N. Negishi et al., "Preparation of Transparent TiO ₂ Thin Film Photocatalyst and Its Photocatalytic Activity", <i>Chemistry Letters</i> 1995, pp. 841-842 (no month available)
<i>SV</i>	AT	M. Anpo et al., "Photoluminescence and Photocatalytic Activity of Highly Dispersed Titanium Oxide Anchored onto Porous Vycor Glass", <i>J. Phys. Chem</i> 1985, 89, pp. 5017-5021 (no month available)

Examiner	<i>Sean J. Vink</i>	Date Considered
		8-20-02

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Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
SV	AA 5,853,866	12/98	Watanabe et al.	428	312.8	
	AB 5,854,169	12/98	Heller et al.	502	242	
	AC 5,854,708	12/98	Komatsu et al.	359	512	
	AD 5,869,187	2/99	Nakamura et al.	428	428	
	AE 5,939,194	8/99	Hashimoto et al.	428	411.1	
	AF 5,980,983	11/99	Gordon	427	226	
	AG 6,013,372	1/00	Hayakawa et al.	428	411.1	
SV	AH 6,027,766	2/00	Greenberg et al.	427	226	
SV	AI 6,027,797	2/00	Watanabe et al.	428	312.8	
SV	AJ 6,037,289	3/00	Chopin et al.	502	2	
SV	AK 6,054,227	4/00	Greenberg et al.	428	701	

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SV	AL 0 780 158	6/97	EPO			
SV	AM 97/23572	7/97	PCT			
SV	AN 0 820 967	1/98	EPO			
SV	AO 98/06675	2/98	PCT			
SV	AP 98/27021	6/98	PCT			
SV	AQ 98/41480	9/98	PCT			

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SV	AR	K. G. Geraghty et al., "Kinetics of the Reactive Sputter Deposition of Titanium Oxides", <i>Journal of the Electrochemical Society</i> (1976), pp. 1201-1207 <i>(no month available)</i>
SV	AS	Y. Takahashi et al., "Rutile Growth at the Surface of TiO ₂ Films Deposited by Vapour-phase Decomposition of Isopropyl Titanate", <i>J. Chem. Soc., Faraday Trans. 1</i> , 1985, 81, pp. 3117-3125 <i>(no month available)</i>
SV	AT	Y. Takahashi, "Chemical Vapour Deposition of TiO ₂ Film Using an Organometallic Process and its Photoelectrochemical Behaviour", <i>J. Chem. Soc. Faraday Trans. 1</i> , 1981, 77, pp. 1051-1057 <i>(no month available)</i>

Examiner <i>Steven Vista</i>	Date Considered <i>8-20-02</i>
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SV	AA 6,074,981	6/00	Tada et al.	502	224	
SV	AB 6,090,489	7/00	Hayakawa et al.	428	409	
SV	AC 6,103,363	8/00	Boire et al.	428	325	
SV	AD 6,165,256	12/00	Hayakawa et al.	106	13	
SV	AE 6,191,062 B1	2/01	Hayakawa et al.	502	159	
SV	AF 6,238,738 B1	5/01	McCurdy	427	255.19	
SV	AG 5,736,055	4/98	Cooper			
SV	AH 5,753,322	5/98	Yamaguchi et al.			
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SV	AL 00/37377	6/00	PCT			
SV	AM 00/53538	9/00	PCT			
SV	AO 00/69784	11/00	PCT			
SV	AP 00/75087	12/00	PCT			
SV	AQ 5-253544	10/93	Japan			
SV	AR 63-5301	1/88	Japan			

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SV	AR	Y. Takahashi et al., "Electrical and Electrochemical Properties of TiO ₂ Films Grown by Organometallic Chemical Vapour Deposition", <i>J. Chem. Soc. Faraday Trans. 1, 1982, 78</i> , pp. 2563-2571 <i>(no math available)</i>
SV	AS	B. Samunova et al., "Sol-gel processing of titanium-containing thin coatings, Part I Preparation and structure", <i>Journal of Materials Science 28 (1993)</i> , pp. 2353-2360
SV	AT	C. Trapalis et al., "Sol-gel processing of titanium-containing thin coatings, Part II XPS Studies", <i>Journal of Materials Science 28 (1993)</i> , pp. 1276-1282 <i>(no math available)</i>

Examiner

Stan West

Date Considered

8-20-02

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SV	AL	08119673	5/96	Japan			abstract
SV	AM	08164334	6/96	Japan			abstract
SV	AN	08313705	11/96	Japan			abstract
SV	AO	61-91041	5/86	Japan			abstract
SV	AP	61-91042	5/86	Japan			abstract
SV	AQ	61-91043	5/86	Japan			abstract

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

SV	AR	V. Kozhukharov et al., "Sol-gel processing of titanium-containing thin coatings, Part III Properties", <i>Journal of Materials Science</i> 28 (1993), pp. 1283-1288 (no month available)
SV	AS	S. Sitkiewitz et al., "Photocatalytic oxidation of benzene and stearic acid on sol-gel derived TiO ₂ thin films attached to glass", <i>New J. Chem.</i> , 1996, 20, pp. 233-241 (no month available)
SV	AT	G. Colon et al., "Photocatalytic deactivation of commercial TiO ₂ sample during simultaneous photoreduction of Cr(VI) and photooxidation of salicylic acid", <i>Journal of Photochemistry and Photobiology A: Chemistry</i> 138 (2001), pp. 79-85 (no month available)

Examiner	<i>Susan, Unit</i>	Date Considered
		8-9-02

8-20-02 SV

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SV	AL	0 636 702	2/95	EPO			
SV	AM	2000-226234	8/00	Japan	X		X
SV	AN	95/10839	9/95	France			X
SV	AO	302173/1993	11/93	Japan			X
SV	AR	9.1042/1986	5/86	Japan			X
SV	AQ	53-149281	12/78	Japan			X

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

SV	AR	I. Sopyan et al., "Highly Efficient TiO ₂ Film Photocatalyst, Degradation of Gaseous Acetaldehyde", <i>Chemistry Letters</i> (1994) pp. 723-726 (no month available)
SV	AS	A. Heller, "Chemistry and Applications of Photocatalytic Oxidation of Thin Organic Films", <i>Acc. Chem. Res.</i> (1995), pp. 503-508 (no month available)
SV	AT	Y. Paz et al., "Photooxidative self-cleaning transparent titanium dioxide films on glass", <i>J. Mater. Res.</i> , Vol. 10, No. 11, Nov. 1995, pp. 2842-2848

Examiner	Date Considered
<i>Sean Hunt</i>	8-9-02

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		Document No.	Date	Country	Class	Subclass	Translation Yes No
SV	AL	08 309202	11/96	Japan (abstract)			
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SV	AN	08-313705	11/96	Japan (abstract)			
SV	AO	0 784 034	7/97	EP			
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SV	AR	H. Tada, "Photoinduced Oxidation of Methylsiloxane Monolayers Chemisorbed on TiO ₂ ", <i>Langmuir</i> 1996 , <i>12</i> , pp. 966-971 (no month available)
SV	AS	Y. Takahashi, "Dip-coating of TiO ₂ films using a sol derived from Ti(O-i-Pr) ₄ -diethanolamine-H ₂ O-i-PrOH system", <i>Journal of Materials Science</i> 23 (1988), pp. 2259-2266 (no month available)
SV	AT	M. Takahashi, "Pt-TiO ₂ thin films on glass substrates as efficient photocatalysts", <i>Journal of Materials Science</i> 24 (1989), pp. 243-246 (no month available)

Examiner <i>Sean Vant</i>	Date Considered 8-9-02
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8-20-02 SV

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SV	AR	S. Sato, "Photochemical properties of Ultrathin TiO ₂ Films Prepared by Chemical Vapor Deposition", <i>Journal of Photochemistry and Photobiology, A: Chemistry</i> , 50 (1989) pp. 283-290 (available)
SV	AS	"Transparent, Photocatalytic TiO ₂ Film Formed on Glass", <i>Japan Chemical Week</i> , December 15, 1994, pps. 1, 2, 4, 8
SV	AT	"Solar Control Glazing News From Glaverbel", <i>Glass</i> , Nov. 1993

Examiner <i>Sean Hunt</i>	Date Considered <i>09-02</i>
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8-20-02 SV

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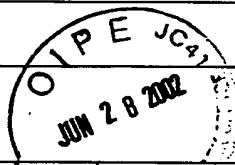
AR	"SSG Antelio Solar Control Glass", Saint-Gobain Glass Comfort , undated	
AS	Hass, Georg, "Oxide Layers Deposited from Organic Solutions", Physics of Thin Films , 1969, pp. 87 and 105-115, vol. 5, Academic Press, New York and London	(normally available)
AT	Kamata, Kiichiro et al., "Rapid Formation of TiO ₂ Films by a Conventional CVD Method", Journal of Materials Science, Letters 9, 1990, pp. 316-319, Chapman and Hall Ltd.	(normally available)

Examiner	Date Considered
<i>SLW</i>	8-9-02

8-20-02 SLW

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GR	AR	Hass, George et al., <i>Physics of Thin Films</i> , vol. 5, Academic Press, New York, 1969, p. 237, pp. 304-406 (no month available)
RV	AS	Pierson, Hugh O., <i>Handbook of Chemical Vapor Deposition (CVD)</i> , Noyes Publications, Park Ridge, NJ, 1992, pp. 231-237 (no month available)
SV	AT	Fukayama, S. et al., "Highly Transparent and Photoactive TiO ₂ Thin Film Coated on Glass Substrate", <i>187th Electrochemical Society Meeting, Abstract No. 735, Extended Abstracts 95-1</i> , (available at least by Mar. 1995), pp. 1102-1103 (no month available)

Examiner	<i>Seal</i>	Date Considered
		<i>8-9-02</i>

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<i>SV</i>	AR	Weinberger, B. R. et al., "Titanium Dioxide Photocatalysts Produced by Reactive Magnetron Sputtering", <i>Appl. Phys. Lett.</i> 66 , 1995, pp. 2409-2411 (no month available)
<i>SV</i>	AS	Kiernan, Vincent, "A Clearer View for Car Drivers", <i>New Scientist</i> , Aug. 26, 1995, p. 19
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Examiner <i>Sam J. S.</i>	Date Considered <i>8-9-02</i>
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